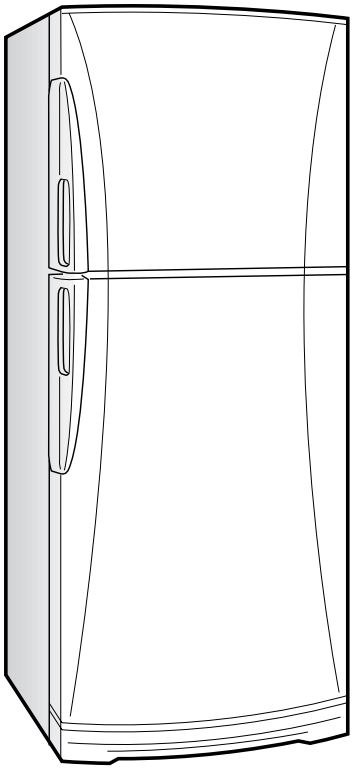
SHARP SERVICE MANUAL

SZ032SE52APSW



REFRIGERATOR-FREEZER

MODELS

SJ-2049-GY/WH/BE
SJ-2054-GY/BL/WH/GR/BE
SJ-2060-SL

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

DESTINATION ..... W

Refrigerant; HFC-134a
Refer to "HFC-134a COOLING UNIT" Service Manual for handling this refrigerant.

This is a supplemental Service Manual for SJ-2049-GY/WH/BE,SJ-2054-GY/BL/WH/GR/BE,SJ-2060-SL.
This model is quite similar to Base Model SJ-2047-GY/WH/BE,SJ-2050-GY/BL/WH/GR/BE,SJ-2060-GY/WH/BE. (Refer No. is S6010SE60APSW).
Use this supplemental manual together with the Base Model Service Manual.
Refer to the Base Model Service Manual for complete operation, service information, etc.

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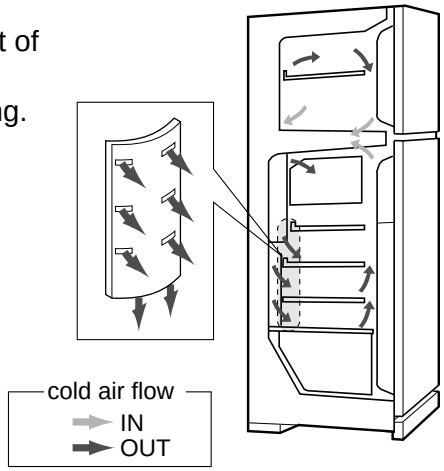
SHARP CORPORATION

CAUTIONS AND INFORMATIONS

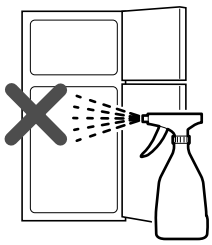
In case of following troubles, the cause is not related with the failure of refrigerator.
Please mention the correct way to the customer for the use of refrigerator when the repairing.

1. Some foods freezed in the refrigerator compartment.

Do not place food directly in front of cold air outlet.
This may lead to the food freezing.



2. Some plastic parts were cracked or splitted.



Some household cleaning chemicals may affect the internal food liner and plastic parts resulting in splitting or cracks occurring.
When cleaning all plastic parts inside this refrigerator, only use diluted dishwashing liquid(soapy water). Make sure that all plastic parts are thoroughly rinsed with water after cleaning.

3. IT IS NORMAL for the refrigerator to produce the following sounds.

Cracking or crunching sound;
Sound produced by expansion and contraction of inner walls and internal parts during cooling.
Squeaking sound;
Sound produced by expansion and contraction of internal parts.
Sound of flowing fluid (gurgling sound, fizzing sound);
Sound of refrigerant flowing in pipes (sound may become louder from time to time).

SPECIFICATIONS

Items		SJ-2049	SJ-2054	SJ-2060
Type		2-Door	2-Door	2-Door
Outer dimensions (Including spacer)	Height	1620mm(63.8")	1720mm(67.7")	1820mm(71.6")
	Width	760mm(29.9")	760mm(29.9")	760mm(29.9")
	Depth	740mm(29.1")	740mm(29.1")	740mm(29.1")
Defrosting	System	Heater system		
	Start	Automatic		
	Finish	Automatic		
Temperature control		Automatic (Adjustable)		
No-frost freezer		Yes		
Interior lamp		2		
Caster		4		
Evaporating pan		1		
Refrigerator Compartment	R glass shelf ass'y	2		3
	V glass shelf ass'y	1		
	Vegetable case	1		
	Fruit case	1		
	R door pocket	1		2
	Egg tray	2		
	Bottle pocket	2		
	Utility case pocket	1		
	Chilled case	1		
	Tube stand	2		
Freezer Compartment	Freezer shelf ass'y	1		
	Ice cube maker	Twin ice cube maker		
	Ice storage box	1		
	F door pocket	2		
Deodorizing system		Yes		

RATING

Items		SJ-2049	SJ-2054	SJ-2060
Rated voltage	(V~)	220-240		
Rated frequency	(Hz)	50		
Climate class		T		
Rated input	(W)	170-190		
Rated input of heating elements	(W)	138-164		
Refrigerant (Charging quantity)		HFC-134a(120g)	HFC-134a(125g)	HFC-134a(130g)
Net Weight	(kg)	81	83	88

COLOR

Items	-GY	-BL	-WH	-GR	-BE	-SL
Outside color	Gray	Blue	White	Green	Beige	Silver
Inside color	White					

OPTIONAL ITEM

SJ-L838LD2 (REFRIGERATOR HINGE KITS). For changing the door to left side opening.

DESIGNATION OF VARIOUS PARTS

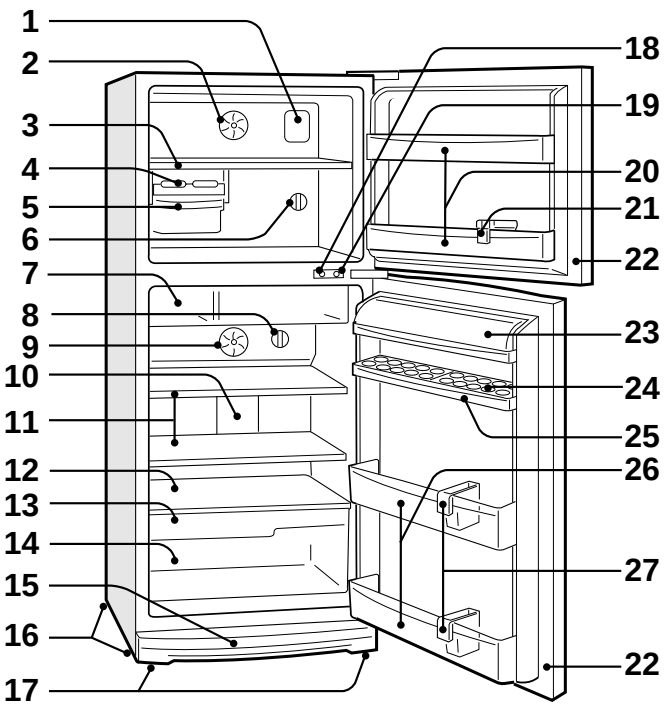
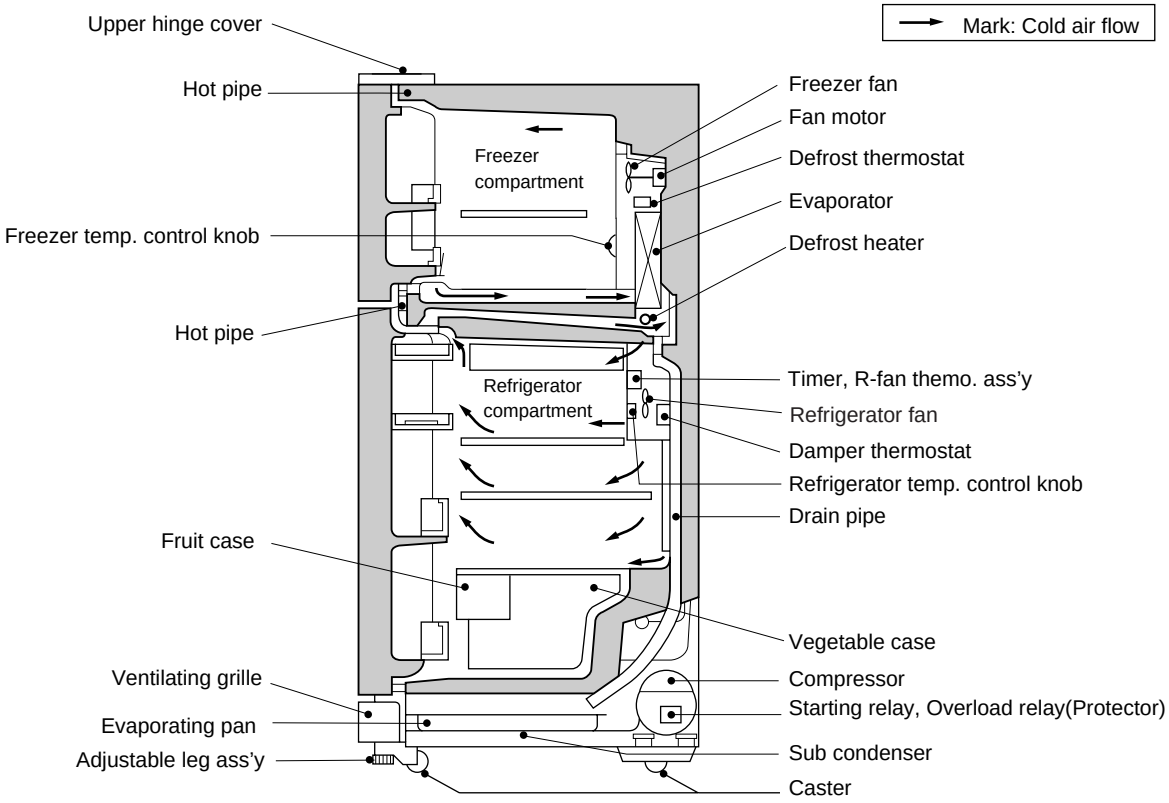


Figure D-1. External Description

The names are the denominations used in the REPLACEMENT PARTS LIST.

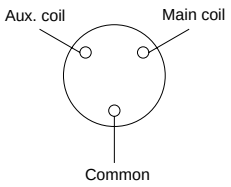
1. Freezer light(Lamp)
2. Freezer fan
3. Freezer shelf(F shelf ass'y)
4. Ice cube maker
5. Ice cube box(Ice storage box)
6. Freezer temp. control knob
7. Chilled case
8. Refrigerator temp. control knob
9. Refrigerator fan
10. Refrigerator light(Lamp)
11. Refrigerator shelf(R glass shelf ass'y)
    (SJ-2049/ 2054; 2 shelves, SJ-2060; 3 shelves)
12. Shelf(V glass shelf ass'y)
13. Fruit case
14. Vegetable crisper(Vegetable case)
15. Evaporating pan & cover
16. Caster
17. Adjustable feet(Adjustable leg ass'y)
18. Fan & light switch(for freezer)
19. Fan & light switch(for refrigerator)
20. Freezer pocket(F door pocket)
21. Water cup
22. Magnetic door seal(Door packing)
23. Utility pocket(Utility case pocket)
24. Egg holder(Egg tray)
25. Free pocket(R door pocket)
    (SJ-2049/ 2054; 1 pocket, SJ-2060; 2 pockets)
26. Bottle pocket
27. Bottle guard(Tube stand)



※ This figure shows SJ-2054

Figure D-2. Constructions

LIST OF ELECTRICAL PARTS

ITEMS	TYPE NAME	RATING	SPECIFICATIONS
Thermostat	MM1-8123	125V 6A 250V 3A	(At normal notch) ON/OFF : -19/-24˚C
Defrost thermostat	S101	250V 8A	Open/Close : 10/1˚C
Thermo. fuse	SF70E	250V 10A	Working temp. : 70˚C
F-fan motor	3R00044B	220-240V 50/60Hz	Working with ø100 fan
R-fan motor	3R00122A	220-240V 50/60Hz	Working with ø80 fan
(R-fan fuse)	123	250V 2A	Cut OFF 130˚C
Defrost heater	MM6-4197D	220-240V 353Ω	150W at 230V with deodorizer
Door switch	DSD-5	250V 0.25A	4 terminals push-button type
Damper thermostat	MM1-6170(SJ-2054,2060)	—	Open/Close : 3/-2˚C
	MM1-6171(SJ-2049)	—	Open/Close : 5/0˚C
Defrost timer	TMDF904FD2	220-240V 50/60Hz	Integration type Cycle time : 10.8 / 9.0 hours(50/60Hz) Delay time : 4.3/ 3.6 min.(50/60Hz)
Lamp socket (F/R)	—	250V 1A	E-12(Hard plastic body type)
F-lamp	—	240V 10W	E-12
R-lamp	—	240V 15W	E-12
R-fan thermo. ass'y — R-fan thermo.	S101	250V 8A	Open/ Close : 7/ 15 ˚C
R-fan thermo. ass'y — R-fan thermo.heater	RSS2	350V,2W,10kΩ	1.1W at 230V
Compressor	GLY90AA	220-240V/ 50Hz	Cooling capacity : 220kcal/h(60Hz) Main coil : 8.8Ω Aux. coil : 14.2Ω (at 25˚C) 
Starting relay	UH3003-7	—	14.0Ω
Overload relay(Protector)	4TM757NFBYY	—	Open/ Close : 120/61˚C
Capacitor	—	250VAC 5µF	—
Running capacitor	—	430VAC 5µF	—

WIRING DIAGRAM

Be sure to replace the electrical parts with specified ones for maintaining the safety and performance of the set.

G : GRAY
Br : BROWN
O : ORANGE
Y : YELLOW
R : RED
P : PINK
B : BLUE
Bk : BLACK
S-B : SKY-BLUE
G-Y : GREEN-YELLOW
W : WHITE

◉ CONNECTED IN TERMINAL BOX

□ CONNECTOR

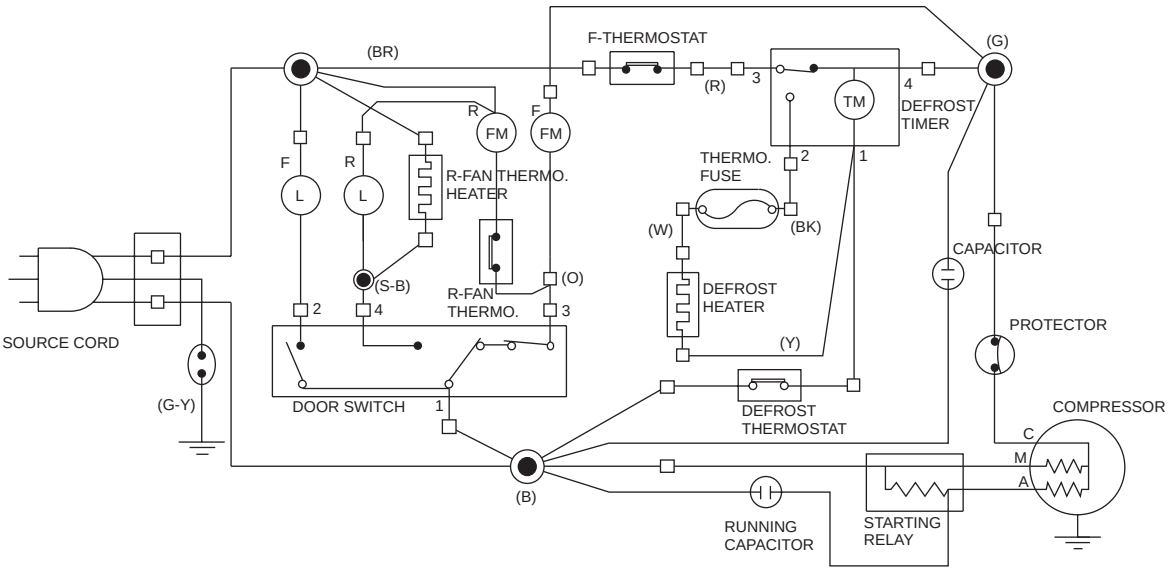


Figure W-1. Wiring Diagram

REPLACEMENT PARTS LIST(SJ-2049-GY/WH/BE,SJ-2060-SL)

REF. NO.	PART NO.	DESCRIPTION	Q'TY				CODE
			SJ-2049 -GY	SJ-2049 -WH	SJ-2049 -BE	SJ-2060 -SL	
ELECTRIC PARTS							
1-1	RTHM-A097CBEZ	F-thermostat	1	1	1	1	AX
1-2	RSTT-A144CBE0	Starting relay	1	1	1	1	AW
1-3	QSWTDA035CBE0	Defrost timer	1	1	1	1	BB
1-4	PDMP-A046CBEZ	Damper thermo	-	-	-	1	AX
1-4	PDMP-A048CBEZ	Damper thermo	1	1	1	-	AW
1-5	FTHM-A028CBKZ	Defrost thermo.ass'y	1	1	1	1	AN
1-6	RMOTRA040CBE0	Fan motor	1	1	1	1	AZ
1-7	QSOCAA074CBEZ	Lamp socket	1	1	1	1	AP
1-8	RLMP-A012CBE0	Lamp	1	1	1	1	AH
1-9	QACC-A121CBE0	Source cord	1	1	1	1	AV
1-10	QSW-PA090CBZA	Door switch	1	1	1	1	AS
1-11	RHOG-A105CBE0	Protector	1	1	1	1	AV
1-17	FFS-TA055CBKZ	Fuse ass'y	1	1	1	1	AL
1-20	FW-VZA144CBEZ	Lead ev-cover ass'y	1	1	1	1	AK
1-21	FHETBA149CBEZ	Def.heater ass'y	1	1	1	1	BB
1-22	FCNW-A647CBKZ	Relay wire ass'y	1	1	1	1	AP
1-23	QCNW-A916CBZZ	Reray wire sc	2	2	2	2	AE
1-25	QTAN-A032CBE0	Terminal block	1	1	1	1	AE
1-27	RMOTRA061CBEZ	Fan motor	1	1	1	1	AW
1-28	RLMP-A029CBEZ	Lamp15w	1	1	1	1	AH
1-29	QSOCAA072CBEZ	Lamp socket	1	1	1	1	AN
1-30	FTHM-A029CBKZ	R fan thermo ass'y	1	1	1	1	AQ
1-31	RC-EZA189CBEZ	Capacitor	1	1	1	1	AT
1-32	RC-EZA190CBEZ	Running capacitor	1	1	1	1	AW
1-33	QCNW-A917CBZZ	Lead wire gy ass'y	1	1	1	1	AE
MECHANICAL PARTS							
2-2	JKNB-A036CBFB	F-temp. control knob	1	1	1	1	AD
2-4	LPLTMA568CBEZ	Fl plate al.	1	1	1	1	AF
2-7	FLEGPA077CBKZ	Leg holder l ass'y	1	1	1	1	AQ
2-7-1	FAJS-A009CBK0	Adjustable leg ass'y	2	2	2	2	AD
2-7-2	LHLD-A533CBPZ	Leg holder l	1	1	1	1	AL
2-8	FLEGPA078CBKZ	Leg holder r ass'y	1	1	1	1	AQ
2-8-2	LHLD-A534CBPZ	Leg holder r	1	1	1	1	AP
2-10	PSPAVA083CBEA	Upper hinge spacer	1	1	1	1	AD
2-11	PSPAVA084CBEA	Bottom hinge spacer	1	1	1	1	AC
2-12	PSPAVA075CBEA	Center hinge spacer	1	1	1	1	AD
2-13	DHNG-A363CBMZ	Upper hinge ass'y	1	1	1	1	AE
2-14	DHNG-A365CBMZ	Bottom hinge r ass'y	1	1	1	1	AE
2-15	DHNG-A364CBMZ	Center hinge r ass'y	1	1	1	1	AF
2-16	GCOV-A191CBFZ	E.v cover	1	1	1	1	AS
2-17	LCRA-A010CBE0	Fan clamp	2	2	2	2	AD
2-19	LHLD-A389CBF0	Motor cushion	2	2	2	2	AF
2-20	NFANPA020CBFA	Propeller fan 100	1	1	1	1	AE
2-21	PSEL-B845CBEZ	E.v cover sealer a	1	1	1	1	AC
2-22	PSEL-B846CBEZ	E.v cover sealer b	1	1	1	1	AC
2-23	PSEL-A415CBE0	E.v cover sealer c	1	1	1	1	AC
2-24	PCOVPA164CBFA	Terminal cover	1	1	1	1	AE
2-25	PCOV-A253CBFA	F lamp cover	1	1	1	1	AC
2-26	PCOV-A254CBFA	R lamp cover	1	1	1	1	AF
2-27	GCOVPA119CBRA	R-cbox cover	1	1	1	1	AS
2-28	HGRL-A184CBRA	Fan louver	1	1	1	1	AU
2-29	GCOV-A162CBFG	Upper hinge cover	1	-	-	-	AD
2-29	GCOV-A162CBFH	Upper hinge cover	-	-	1	-	AD
2-29	GCOV-A162CBFJ	Upper hinge cover	-	1	-	-	AD
2-29	GCOV-A162CBFL	Upper hinge cover	-	-	-	1	AD
2-30	PCOV-A255CBFA	Fan cover	2	2	2	2	AD
2-31	JKNB-A033CBFB	R-temp.control knob	1	1	1	1	AD
2-36	PCAP-A006CBFW	Screw cover	-	2	-	-	AB
2-36	PCAP-A006CBFX	Screw cover	2	-	-	-	AB
2-36	PCAP-A006CBFY	Screw cover	-	-	2	-	AB
2-36	PCAP-A077CBFA	Screw cover	-	-	-	2	AA
2-37	PCAP-A056CBFF	Screw cover b	2	2	2	2	AC
2-38	PGID-A156CBFZ	R air guider a	1	1	1	1	AG
2-41	PSEL-B848CBEZ	A-sealer thermo.cap	1	1	1	1	AC
2-49	LSTPPA108CBFA	Chilled stopper	2	2	2	2	AC
2-50	NFANPA019CBFA	Propeller fan 80	1	1	1	1	AM
2-51	PBOX-A121CBFA	F lamp box	1	1	1	1	AF
2-52	PBOX-A122CBFA	R lamp box	1	1	1	1	AM
2-53	LHLD-A536CBFA	R fan motor holder a	1	1	1	1	AF
2-54	LHLD-A537CBFA	R fan motor holder b	1	1	1	1	AE
2-55	HGRL-A181CBFA	Multi louver l	-	-	-	1	AN
2-55	HGRL-A188CBFA	Multi louver s	1	1	1	-	AG
2-56	2-56 PFPFPB2	3CBFZ R-louver i	s	.	l	-	-

REF. NO.	PART NO.	DESCRIPTION	Q'TY				CODE
			SJ-2049 -GY	SJ-2049 -WH	SJ-2049 -BE	SJ-2060 -SL	
2-56	PFPFPB248CBFZ	R-louver insu. s	1	1	1	-	AE
2-57	PSEL-B843CBEZ	A-sealer r-louver	-	-	-	2	AC
2-57	PSEL-B861CBEZ	A-sealer r-louver	2	2	2	-	AC
2-59	PCOV-A264CBEZ	F lamp box cover	1	1	1	1	AC
2-63	LHLD-A484CBFA	Fan motor holder b	1	1	1	1	AH
2-64	LHLD-A485CBFA	Fan motor holder a	1	1	1	1	AH
2-65	PSEL-B209CBE0	U-sealer handle	2	2	2	2	AB
2-66	PSHEMA132CBP0	Heater cover al	1	1	1	1	AD
2-67	LPLTMA570CBPZ	Drain support al	1	1	1	1	AE
2-69	PSEL-B847CBEZ	E.v cover sealer d	2	2	2	2	AC
2-71	PSEL-A552CBE0	Dial sealer	1	1	1	1	AC
2-72	PSEL-B841CBEZ	Ra sealer a	2	2	2	2	AC
2-73	PSEL-B842CBEZ	Ra sealer b	1	1	1	1	AC
2-74	PSEL-B122CBE0	A-sealer thermo.cap.	1	1	1	1	AB
2-77	LHLD-A391CBE0	Sl-5n clip	1	1	1	1	AD
2-78	LPLTMA399CBP0	Dryer support	1	1	1	1	AD
2-79	LBND-A019CBE0	Nylon band	1	1	1	1	AB
2-80	PBOX-A071CBFA	Terminal box	1	1	1	1	AE
2-81	PPIPPA097CBEZ	Drain pipe s	1	1	1	1	AE
2-83	PSEL-B849CBEZ	Ra sealer c	1	1	1	1	AC
2-84	PSEL-B850CBEZ	Ra sealer d	1	1	1	1	AC
2-87	LBND-A018CBE0	Fastening band a	1	1	1	1	AP
2-90	HGRL-A179CBFA	F shower duct	1	1	1	1	AM
2-91	HGRL-A180CBFA	F return cover	2	2	2	2	AC
2-93	PCAP-A068CBFA	C sliding cap a	2	2	2	2	AC
2-95	NROL-A027CBEZ	V roller	2	2	2	2	AC
2-96	LHLD-A535CBFA	Shaft holder	2	2	2	2	AC
2-97	LPIN-A178CB1Z	Shaft	2	2	2	2	AC
2-99	GCOV-A192CBFA	Top cover	1	-	-	-	AC
2-99	GCOV-A192CBFC	Top cover	-	-	1	-	AD
2-99	GCOV-A192CBFE	Top cover	-	1	-	-	AC
2-99	GCOV-A192CBFG	Top cover	-	-	-	1	AC
2-105	PSEL-B896CBEZ	A-sealer fs-a	1	1	1	1	AC
2-106	PSEL-B897CBEZ	A-sealer fs-b	2	2	2	2	AC

DOOR PARTS

3-5	FDORFB299CBKZ	F-door ass'y	1	-	-	-	BK
3-5	FDORFB307CBKZ	F-door ass'y	-	-	1	-	BK
3-5	FDORFB308CBKZ	F-door ass'y	-	1	-	-	BH
3-5	FDORFB422CBKZ	F-door ass'y	-	-	-	1	BH
3-5-1	LSTPPA107CBFA	Fd stopper spring r	1	1	1	1	AD
3-5-2	NBRGPA022CBFA	Nylon bearing 3s	2	2	2	2	AC
3-5-3	PCOV-A251CBFA	Dc cover fr	1	-	-	-	AC
3-5-3	PCOV-A251CBFC	Dc cover fr	-	-	1	-	AC
3-5-3	PCOV-A251CBFE	Dc cover fr	-	1	-	-	AC
3-5-3	PCOV-A251CBFG	Dc cover fr	-	-	-	1	AC
3-6	FPACGA309CBKZ	F-door packing	1	1	1	1	AX
3-8	FHNDPA036CBKZ	Door handle FL ass'y	1	-	-	-	AR
3-8	FHNDPA038CBKZ	Door handle FL ass'y	-	-	1	-	AR
3-8	FHNDPA039CBKZ	Door handle FL ass'y	-	1	-	-	AR
3-8	FHNDPA056CBKZ	Door handle FL ass'y	-	-	-	1	AP
3-9	PCAP-A067CBFA	Screw cover hd	10	-	-	-	AC
3-9	PCAP-A067CBFC	Screw cover hd	-	-	10	-	AD
3-9	PCAP-A067CBFE	Screw cover hd	-	10	-	-	AD
3-9	PCAP-A067CBFG	Screw cover hd	-	-	-	10	AB
3-15	FDORRB181CBKZ	R-door ass'y	1	-	-	-	BP
3-15	FDORRB184CBKZ	R-door ass'y	-	-	1	-	BN
3-15	FDORRB185CBKZ	R-door ass'y	-	1	-	-	BQ
3-15	FDORRB250CBKZ	R-door ass'y	-	-	-	1	BS
3-15-1	LSTP-A058CBM0	R-door stopper r	1	1	1	1	AF
3-15-2	LSTPPA084CBFA	Rd-stopper spring r	1	1	1	1	AD
3-15-3	PCOV-A252CBFA	Dc cover rr	1	-	-	-	AC
3-15-3	PCOV-A252CBFC	Dc cover rr	-	-	1	-	AC
3-15-3	PCOV-A252CBFE	Dc cover rr	-	1	-	-	AC
3-15-3	PCOV-A252CBFG	Dc cover rr	-	-	-	1	AC
3-17	FPACGA310CBKZ	R-door packing	-	-	-	1	AY
3-17	FPACGA315CBKZ	R-door packing	1	1	1	-	AY
3-19	FHNDPA043CBKZ	Door handle RL ass'y	1	-	-	-	AR
3-19	FHNDPA045CBKZ	Door handle RL ass'y	-	-	1	-	AR
3-19	FHNDPA046CBKZ	Door handle RL ass'y	-	1	-	-	AR
3-19	FHNDPA057CBKZ	Door handle RL ass'y	-	-	-	1	AP
3-25	HBDGDA862CBEA	Badge	1	1	1	-	AT
3-25	HBDGDA894CBEA	Badge	-	-	-	1	AM
3-26	GDAI-A055CBMZ	Badge base	1	1	1	-	AK
3-26	GDAI-A059CBMZ	Badge base	-	-	-	1	AK

REF. NO.	PART NO.	DESCRIPTION	Q'TY				CODE
			SJ-2049 -GY	SJ-2049 -WH	SJ-2049 -BE	SJ-2060 -SL	
OTHER PARTS							
4-1	LBND-A023CBE0	L-band c	4	4	4	4	AC
4-3	LX-VZA003CBE0	Special screw	2	2	2	2	AB
4-10	QTAN-A013CBE0	Solderless term. a	4	4	4	4	AH
4-15	LX-BZA018CBE0	Special screw	1	1	1	1	AA
4-17	LX-WZA003CBE0	Washer	4	4	4	4	AA
4-18	LX-BZA076CBEZ	Handle screw	10	10	10	10	AC
ATTACHMENT PARTS							
5-1	UPOK-A166CBRA	Bottle pocket	2	2	2	2	AN
5-3	UPOK-A168CBRA	F door pocket	2	2	2	2	AP
5-4	UPOK-A165CBRA	R door pocket	1	1	1	2	AN
5-5	UTNA-A282CBFB	Egg tray	2	2	2	2	AG
5-6	FSRA-A193CBYZ	Ice cube maker	1	1	1	1	AS
5-9	FSRA-A194CBKZ	F shelf ass'y	1	1	1	1	AY
5-13	HGRL-A178CBFA	Ventilating grille	1	-	-	-	AG
5-13	HGRL-A178CBFC	Ventilating grille	-	-	1	-	AN
5-13	HGRL-A178CBFE	Ventilating grille	-	1	-	-	AN
5-13	HGRL-A178CBFG	Ventilating grille	-	-	-	1	AN
5-14	USRA-A252CBFA	Drain pan	1	1	1	1	AN
5-15	UYOK-A330CBFA	Fruit case	1	1	1	1	AW
5-16	UYOK-A331CBFA	Vegetable case	1	1	1	1	AZ
5-17	UYOK-A328CBFA	Ice storage box	1	1	1	1	AF
5-18	UYOK-A329CBFA	Chilled case	1	1	1	1	AX
5-19	GDORPA066CBRA	Chilled door	1	1	1	1	AP
5-24	FTNA-A301CBKZ	R glass shelf ass'y	2	2	2	3	BC
5-25	FTNA-A302CBKZ	V glass shelf ass'y	1	1	1	1	BC
5-26	PCAP-A076CBFA	Venti.grille cap	1	-	-	-	AC
5-26	PCAP-A076CBFC	Venti.grille cap	-	-	1	-	AD
5-26	PCAP-A076CBFE	Venti.grille cap	-	1	-	-	AD
5-26	PCAP-A076CBFG	Venti.grille cap	-	-	-	1	AC
5-28	PCAP-A069CBFA	V sliding cap l	1	1	1	1	AC
5-29	PCAP-A070CBFA	V sliding cap r	1	1	1	1	AC
5-31	LRALPA132CBFA	Ice tray holder l	1	1	1	1	AF
5-32	LRALPA133CBFA	Ice tray holder r	1	1	1	1	AF
5-33	LRALPA134CBFA	Ice tray holder b	1	1	1	1	AF
5-34	PCUP-A009CBFA	Water cup	1	1	1	1	AD
5-35	UPOKPA251CBFA	Tube stand	2	2	2	2	AG
5-36	PCOV-A259CBFA	Case cover	1	1	1	1	AH
5-37	UPOK-A167CBRA	Utility case pocket	1	1	1	1	AM
CYCLE PARTS							
6-1	PCMPLA202CBEZ	Compressor	1	1	1	1	BX
6-2	PSPAGA028CBE0	Rubber grommet	4	4	4	4	AD
6-3	FCONSA077CBKZ	Sub. condenser ass'y	1	1	1	1	AX
6-3-1	PCOV-A256CBFA	Pipe protector l	1	1	1	1	AF
6-3-2	PCOV-A257CBFA	Pipe protector r	1	1	1	1	AF
6-4	FFRM-A113CBKZ	Base frame ass'y	1	1	1	1	AW
6-5	FDRY-A006CBK0	Dryer ass'y	1	1	1	1	AX
6-6	PCLI-A035CBE0	Clip	1	1	1	1	AC
6-9	PSPAFA020CBE0	Sleeve	4	4	4	4	AB
6-11	PPIPCA357CBEZ	S.p connector	1	1	1	1	AK
6-15	PGUM-A002CBF0	Absorbent rubber b	1	1	1	1	AH
6-18	PPIPCA252CBE0	Charge pipe	2	2	2	2	AD
6-21	PCOVPA165CBE0	Terminal cover	1	1	1	1	AF
6-27	PSEL-B899CBEZ	S-sealer	2	2	2	2	AC
6-28	PKYU-A143CBEZ	S-butyl	1	1	1	1	AD
6-29	PKYU-A036CBE0	Sp-butyl d-poy	1	1	1	1	AP
6-30	PKYU-A098CBE0	Compressor butyl	1	1	1	1	AG
6-31	PKYU-A035CBE0	Sp-butyl h	1	1	1	1	AG
MISCELLANEOUS							
90-2	TLAB-A092CBR0	Lamp label	1	1	1	1	AD
90-3	SPAKCI776YDEZ	Packing case	-	-	-	1	BC
90-3	SPAKCI940YDEZ	Packing case	1	1	1	-	BE
90-5	TLAB-A614CBE0	Case label gy	4	-	-	-	AD
90-5	TLAB-A615CBE0	Case label be	-	-	4	-	AD
90-5	TLAB-A617CBE0	Case label wh	-	4	-	-	AD
90-5	TLAB-A974CBEZ	Case label sl	-	-	-	4	AN
90-6	CPADBA765YDKZ	Bottom pad ass'y	1	1	1	1	AY
90-7	CPADBA764YDKZ	Top pad ass'y	1	1	1	1	AR
90-8	TLAB-A876CBRZ	Warning label	1	1	1	1	AC
90-21	TLAB-A939CBRZ	Caution label rof	1	1	1	1	AD

REPLACEMENT PARTS LIST(SJ-2054-GY/BL/WH/GR/BE)

REF. NO.	PART NO.	DESCRIPTION	Q'TY					CODE
			SJ-2054-GY	SJ-2054-BL	SJ-2054-WH	SJ-2054-GR	SJ-2054-BE	
ELECTRIC PARTS								
1-1	RTHM-A097CBEZ	F-thermostat	1	1	1	1	1	AX
1-2	RSTT-A144CBE0	Starting relay	1	1	1	1	1	AW
1-3	QSWTDA035CBE0	Defrost timer	1	1	1	1	1	BB
1-4	PDMP-A046CBEZ	Damper thermo	1	1	1	1	1	AX
1-5	FTHM-A028CBKZ	Defrost thermo.ass'y	1	1	1	1	1	AN
1-6	RMOTRA040CBE0	Fan motor	1	1	1	1	1	AZ
1-7	QSOCAA074CBEZ	Lamp socket	1	1	1	1	1	AP
1-8	RLMP-A012CBE0	Lamp	1	1	1	1	1	AH
1-9	QACC-A121CBE0	Source cord	1	1	1	1	1	AV
1-10	QSW-PA090CBZA	Door switch	1	1	1	1	1	AS
1-11	RHOG-A105CBE0	Protector	1	1	1	1	1	AV
1-17	FFS-TA055CBKZ	Fuse ass'y	1	1	1	1	1	AL
1-20	FW-VZA144CBEZ	Lead ev-cover ass'y	1	1	1	1	1	AK
1-21	FHETBA149CBEZ	Def.heater ass'y	1	1	1	1	1	BB
1-22	FCNW-A647CBKZ	Relay wire ass'y	1	1	1	1	1	AP
1-23	QCNW-A916CBZZ	Reray wire sc	2	2	2	2	2	AE
1-25	QTAN-A032CBE0	Terminal block	1	1	1	1	1	AE
1-27	RMOTRA061CBEZ	Fan motor	1	1	1	1	1	AW
1-28	RLMP-A029CBEZ	Lamp15w	1	1	1	1	1	AH
1-29	QSOCAA072CBEZ	Lamp socket	1	1	1	1	1	AN
1-30	FTHM-A029CBKZ	R fan thermo ass'y	1	1	1	1	1	AQ
1-31	RC-EZA189CBEZ	Capacitor	1	1	1	1	1	AT
1-32	RC-EZA190CBEZ	Running capacitor	1	1	1	1	1	AW
1-33	QCNW-A917CBZZ	Lead wire gy ass'y	1	1	1	1	1	AE
MECHANICAL PARTS								
2-2	JKNB-A036CBFB	F-temp. control knob	1	1	1	1	1	AD
2-4	LPLTMA568CBEZ	Fl plate al.	1	1	1	1	1	AF
2-7	FLEGPA077CBKZ	Leg holder l ass'y	1	1	1	1	1	AQ
2-7-1	FAJS-A009CBK0	Adjustable leg ass'y	2	2	2	2	2	AD
2-7-2	LHLD-A533CBPZ	Leg holder l	1	1	1	1	1	AL
2-8	FLEGPA078CBKZ	Leg holder r ass'y	1	1	1	1	1	AQ
2-8-2	LHLD-A534CBPZ	Leg holder r	1	1	1	1	1	AP
2-10	PSPAVA083CBEA	Upper hinge spacer	1	1	1	1	1	AD
2-11	PSPAVA084CBEA	Bottom hinge spacer	1	1	1	1	1	AC
2-12	PSPAVA075CBEA	Center hinge spacer	1	1	1	1	1	AD
2-13	DHNG-A363CBMZ	Upper hinge ass'y	1	1	1	1	1	AE
2-14	DHNG-A365CBMZ	Bottom hinge r ass'y	1	1	1	1	1	AE
2-15	DHNG-A364CBMZ	Center hinge r ass'y	1	1	1	1	1	AF
2-16	GCOV-A191CBFZ	E.v cover	1	1	1	1	1	AS
2-17	LCRA-A010CBE0	Fan clamp	2	2	2	2	2	AD
2-19	LHLD-A389CBF0	Motor cushion	2	2	2	2	2	AF
2-20	NFANPA020CBFA	Propeller fan 100	1	1	1	1	1	AE
2-21	PSEL-B845CBEZ	E.v cover sealer a	1	1	1	1	1	AC
2-22	PSEL-B846CBEZ	E.v cover sealer b	1	1	1	1	1	AC
2-23	PSEL-A415CBE0	E.v cover sealer c	1	1	1	1	1	AC
2-24	PCOVPA164CBFA	Terminal cover	1	1	1	1	1	AE
2-25	PCOV-A253CBFA	F lamp cover	1	1	1	1	1	AC
2-26	PCOV-A254CBFA	R lamp cover	1	1	1	1	1	AF
2-27	GCOVPA119CBRA	R-cbox cover	1	1	1	1	1	AS
2-28	HGRL-A184CBRA	Fan louver	1	1	1	1	1	AU
2-29	GCOV-A162CBFB	Upper hinge cover	-	1	-	-	-	AD
2-29	GCOV-A162CBFG	Upper hinge cover	1	-	-	-	-	AD
2-29	GCOV-A162CBFH	Upper hinge cover	-	-	-	-	1	AD
2-29	GCOV-A162CBFJ	Upper hinge cover	-	-	1	-	-	AD
2-29	GCOV-A162CBFK	Upper hinge cover	-	-	-	1	-	AD
2-30	PCOV-A255CBFA	Fan cover	2	2	2	2	2	AD
2-31	JKNB-A033CBFB	R-temp.control knob	1	1	1	1	1	AD
2-36	PCAP-A006CBFS	Screw cover	-	2	-	-	-	AB
2-36	PCAP-A006CBFU	Screw cover	-	-	-	2	-	AB
2-36	PCAP-A006CBFW	Screw cover	-	-	2	-	-	AB
2-36	PCAP-A006CBFX	Screw cover	2	-	-	-	-	AB
2-36	PCAP-A006CBFY	Screw cover	-	-	-	-	2	AB
2-37	PCAP-A056CBFF	Screw cover b	2	2	2	2	2	AC
2-38	PGID-A156CBFZ	R air guider a	1	1	1	1	1	AG
2-41	PSEL-B848CBEZ	A-sealer thermo.cap	1	1	1	1	1	AC
2-49	LSTPPA108CBFA	Chilled stopper	2	2	2	2	2	AC
2-50	NFANPA019CBFA	Propeller fan 80	1	1	1	1	1	AM
2-51	PBOX-A121CBFA	F lamp box	1	1	1	1	1	AF
2-52	PBOX-A122CBFA	R lamp box	1	1	1	1	1	AM
2-53	LHLD-A536CBFA	R fan motor holder a	1	1	1	1	1	AF
2-54	LHLD-A537CBFA	R fan motor holder b	1	1	1	1	1	AE
2-55	HGRL-A186CBFA	Multi louver m	1	1	1	1	1	AM

REF. NO.	PART NO.	DESCRIPTION	Q'TY					CODE
			SJ-2054-GY	SJ-2054-BL	SJ-2054-WH	SJ-2054-GR	SJ-2054-BE	
2-56	PFPFPB239CBFZ	R-louver insu. m	1	1	1	1	1	AF
2-57	PSEL-B857CBEZ	A-sealer r-louver	2	2	2	2	2	AC
2-59	PCOV-A264CBEZ	F lamp box cover	1	1	1	1	1	AC
2-63	LHLD-A484CBFA	Fan motor holder b	1	1	1	1	1	AH
2-64	LHLD-A485CBFA	Fan motor holder a	1	1	1	1	1	AH
2-65	PSEL-B209CBE0	U-sealer handle	2	2	2	2	2	AB
2-66	PSHEMA132CBP0	Heater cover al	1	1	1	1	1	AD
2-67	LPLTMA570CBPZ	Drain support al	1	1	1	1	1	AE
2-69	PSEL-B847CBEZ	E.v cover sealer d	2	2	2	2	2	AC
2-71	PSEL-A552CBE0	Dial sealer	1	1	1	1	1	AC
2-72	PSEL-B841CBEZ	Ra sealer a	2	2	2	2	2	AC
2-73	PSEL-B842CBEZ	Ra sealer b	1	1	1	1	1	AC
2-74	PSEL-B122CBE0	A-sealer thermo.cap.	1	1	1	1	1	AB
2-77	LHLD-A391CBE0	Sl-5n clip	1	1	1	1	1	AD
2-78	LPLTMA399CBP0	Dryer support	1	1	1	1	1	AD
2-79	LBND-A019CBE0	Nylon band	1	1	1	1	1	AB
2-80	PBOX-A071CBFA	Terminal box	1	1	1	1	1	AE
2-81	PPIPPA097CBEZ	Drain pipe s	1	1	1	1	1	AE
2-83	PSEL-B849CBEZ	Ra sealer c	1	1	1	1	1	AC
2-84	PSEL-B850CBEZ	Ra sealer d	1	1	1	1	1	AC
2-87	LBND-A018CBE0	Fastening band a	1	1	1	1	1	AP
2-90	HGRL-A179CBFA	F shower duct	1	1	1	1	1	AM
2-91	HGRL-A180CBFA	F return cover	2	2	2	2	2	AC
2-93	PCAP-A068CBFA	C sliding cap a	2	2	2	2	2	AC
2-95	NROL-A027CBEZ	V roller	2	2	2	2	2	AC
2-96	LHLD-A535CBFA	Shaft holder	2	2	2	2	2	AC
2-97	LPIN-A178CB1Z	Shaft	2	2	2	2	2	AC
2-99	GCOV-A192CBFA	Top cover	1	-	-	-	-	AC
2-99	GCOV-A192CBFB	Top cover	-	1	-	-	-	AK
2-99	GCOV-A192CBFC	Top cover	-	-	-	-	1	AD
2-99	GCOV-A192CBFE	Top cover	-	-	1	-	-	AC
2-99	GCOV-A192CBFF	Top cover	-	-	-	1	-	AC
2-105	PSEL-B896CBEZ	A-sealer fs-a	1	1	1	1	1	AC
2-106	PSEL-B897CBEZ	A-sealer fs-b	2	2	2	2	2	AC
		DOOR PARTS						
3-5	FDORFB299CBKZ	F-door ass'y	1	-	-	-	-	BK
3-5	FDORFB306CBKZ	F-door ass'y	-	1	-	-	-	BM
3-5	FDORFB307CBKZ	F-door ass'y	-	-	-	-	1	BK
3-5	FDORFB308CBKZ	F-door ass'y	-	-	1	-	-	BH
3-5	FDORFB313CBKZ	F-door ass'y	-	-	-	1	-	BL
3-5-1	LSTPPA107CBFA	Fd stopper spring r	1	1	1	1	1	AD
3-5-2	NBRGPA022CBFA	Nylon bearing 3s	2	2	2	2	2	AC
3-5-3	PCOV-A251CBFA	Dc cover fr	1	-	-	-	-	AC
3-5-3	PCOV-A251CBFB	Dc cover fr	-	1	-	-	-	AC
3-5-3	PCOV-A251CBFC	Dc cover fr	-	-	-	-	1	AC
3-5-3	PCOV-A251CBFE	Dc cover fr	-	-	1	-	-	AC
3-5-3	PCOV-A251CBFF	Dc cover fr	-	-	-	1	-	AC
3-6	FPACGA309CBKZ	F-door packing	1	1	1	1	1	AX
3-8	FHNDPA036CBKZ	Door handle FL ass'y	1	-	-	-	-	AR
3-8	FHNDPA037CBKZ	Door handle FL ass'y	-	1	-	-	-	AR
3-8	FHNDPA038CBKZ	Door handle FL ass'y	-	-	-	-	1	AR
3-8	FHNDPA039CBKZ	Door handle FL ass'y	-	-	1	-	-	AR
3-8	FHNDPA040CBKZ	Door handle FL ass'y	-	-	-	1	-	AP
3-9	PCAP-A067CBFA	Screw cover hd	10	-	-	-	-	AC
3-9	PCAP-A067CBFB	Screw cover hd	-	10	-	-	-	AC
3-9	PCAP-A067CBFC	Screw cover hd	-	-	-	-	10	AD
3-9	PCAP-A067CBFE	Screw cover hd	-	-	10	-	-	AD
3-9	PCAP-A067CBFF	Screw cover hd	-	-	-	10	-	AC
3-15	FDORRB173CBKZ	R-door ass'y	1	-	-	-	-	BQ
3-15	FDORRB174CBKZ	R-door ass'y	-	1	-	-	-	BQ
3-15	FDORRB176CBKZ	R-door ass'y	-	-	-	-	1	BP
3-15	FDORRB177CBKZ	R-door ass'y	-	-	1	-	-	BP
3-15	FDORRB182CBKZ	R-door ass'y	-	-	-	1	-	BR
3-15-1	LSTP-A058CBM0	R-door stopper r	1	1	1	1	1	AF
3-15-2	LSTPPA084CBFA	Rd-stopper spring r	1	1	1	1	1	AD
3-15-3	PCOV-A252CBFA	Dc cover rr	1	-	-	-	-	AC
3-15-3	PCOV-A252CBFB	Dc cover rr	-	1	-	-	-	AC
3-15-3	PCOV-A252CBFC	Dc cover rr	-	-	-	-	1	AC
3-15-3	PCOV-A252CBFE	Dc cover rr	-	-	1	-	-	AC
3-15-3	PCOV-A252CBFF	Dc cover rr	-	-	-	1	-	AC
3-17	FPACGA314CBKZ	R-door packing	1	1	1	1	1	AY
3-19	FHNDPA043CBKZ	Door handle RL ass'y	1	-	-	-	-	AR
3-19	FHNDPA044CBKZ	Door handle RL ass'y	-	1	-	-	-	AR

REF. NO.	PART NO.	DESCRIPTION	Q'TY					CODE
			SJ-2054-GY	SJ-2054-BL	SJ-2054-WH	SJ-2054-GR	SJ-2054-BE	
3-19	FHNDPA045CBKZ	Door handle RL ass'y	-	-	-	-	1	AR
3-19	FHNDPA046CBKZ	Door handle RL ass'y	-	-	1	-	-	AR
3-19	FHNDPA047CBKZ	Door handle RL ass'y	-	-	-	1	-	AP
3-25	HBDGDA862CBEA	Badge	1	1	1	1	1	AT
3-26	GDAI-A055CBMZ	Badge base	1	1	1	1	1	AK
OTHER PARTS								
4-1	LBND-A023CBE0	L-band c	4	4	4	4	4	AC
4-3	LX-VZA003CBE0	Special screw	2	2	2	2	2	AB
4-10	QTAN-A013CBE0	Solderless term. a	4	4	4	4	4	AH
4-15	LX-BZA018CBE0	Special screw	1	1	1	1	1	AA
4-17	LX-WZA003CBE0	Washer	4	4	4	4	4	AA
4-18	LX-BZA076CBEZ	Handle screw	10	10	10	10	10	AC
ATTACHMENT PARTS								
5-1	UPOK-A166CBRA	Bottle pocket	2	2	2	2	2	AN
5-3	UPOK-A168CBRA	F door pocket	2	2	2	2	2	AP
5-4	UPOK-A165CBRA	R door pocket	1	1	1	1	1	AN
5-5	UTNA-A282CBFB	Egg tray	2	2	2	2	2	AG
5-6	FSRA-A193CBYZ	Ice cube maker	1	1	1	1	1	AS
5-9	FSRA-A194CBKZ	F shelf ass'y	1	1	1	1	1	AY
5-13	HGRL-A178CBFA	Ventilating grille	1	-	-	-	-	AG
5-13	HGRL-A178CBFB	Ventilating grille	-	1	-	-	-	AM
5-13	HGRL-A178CBFC	Ventilating grille	-	-	-	-	1	AN
5-13	HGRL-A178CBFE	Ventilating grille	-	-	1	-	-	AN
5-13	HGRL-A178CBFF	Ventilating grille	-	-	-	1	-	AN
5-14	USRA-A252CBFA	Drain pan	1	1	1	1	1	AN
5-15	UYOK-A330CBFA	Fruit case	1	1	1	1	1	AW
5-16	UYOK-A331CBFA	Vegetable case	1	1	1	1	1	AZ
5-17	UYOK-A328CBFA	Ice storage box	1	1	1	1	1	AF
5-18	UYOK-A329CBFA	Chilled case	1	1	1	1	1	AX
5-19	GDORPA066CBRA	Chilled door	1	1	1	1	1	AP
5-24	FTNA-A301CBKZ	R glass shelf ass'y	2	2	2	2	2	BC
5-25	FTNA-A302CBKZ	V glass shelf ass'y	1	1	1	1	1	BC
5-26	PCAP-A076CBFA	Venti.grille cap	1	-	-	-	-	AC
5-26	PCAP-A076CBFB	Venti.grille cap	-	1	-	-	-	AC
5-26	PCAP-A076CBFC	Venti.grille cap	-	-	-	-	1	AD
5-26	PCAP-A076CBFE	Venti.grille cap	-	-	1	-	-	AD
5-26	PCAP-A076CBFF	Venti.grille cap	-	-	-	1	-	AC
5-28	PCAP-A069CBFA	V sliding cap l	1	1	1	1	1	AC
5-29	PCAP-A070CBFA	V sliding cap r	1	1	1	1	1	AC
5-31	LRALPA132CBFA	Ice tray holder l	1	1	1	1	1	AF
5-32	LRALPA133CBFA	Ice tray holder r	1	1	1	1	1	AF
5-33	LRALPA134CBFA	Ice tray holder b	1	1	1	1	1	AF
5-34	PCUP-A009CBFA	Water cup	1	1	1	1	1	AD
5-35	UPOKPA251CBFA	Tube stand	2	2	2	2	2	AG
5-36	PCOV-A259CBFA	Case cover	1	1	1	1	1	AH
5-37	UPOK-A167CBRA	Utility case pocket	1	1	1	1	1	AM
CYCLE PARTS								
6-1	PCMPLA202CBEZ	Compressor	1	1	1	1	1	BX
6-2	PSPAGA028CBE0	Rubber grommet	4	4	4	4	4	AD
6-3	FCONSA077CBKZ	Sub. condenser ass'y	1	1	1	1	1	AX
6-3-1	PCOV-A256CBFA	Pipe protector l	1	1	1	1	1	AF
6-3-2	PCOV-A257CBFA	Pipe protector r	1	1	1	1	1	AF
6-4	FFRM-A113CBKZ	Base frame ass'y	1	1	1	1	1	AW
6-5	FDRY-A006CBK0	Dryer ass'y	1	1	1	1	1	AX
6-6	PCLI-A035CBE0	Clip	1	1	1	1	1	AC
6-9	PSPAFA020CBE0	Sleeve	4	4	4	4	4	AB
6-11	PPIPCA357CBEZ	S.p connector	1	1	1	1	1	AK
6-15	PGUM-A002CBF0	Absorbent rubber b	1	1	1	1	1	AH
6-18	PPIPCA252CBE0	Charge pipe	2	2	2	2	2	AD
6-21	PCOVPA165CBE0	Terminal cover	1	1	1	1	1	AF
6-27	PSEL-B899CBEZ	S-sealer	2	2	2	2	2	AC
6-28	PKYU-A143CBEZ	S-butyl	1	1	1	1	1	AD
6-29	PKYU-A036CBE0	Sp-butyl d-poy	1	1	1	1	1	AP
6-30	PKYU-A098CBE0	Compressor butyl	1	1	1	1	1	AG
6-31	PKYU-A035CBE0	Sp-butyl h	1	1	1	1	1	AG

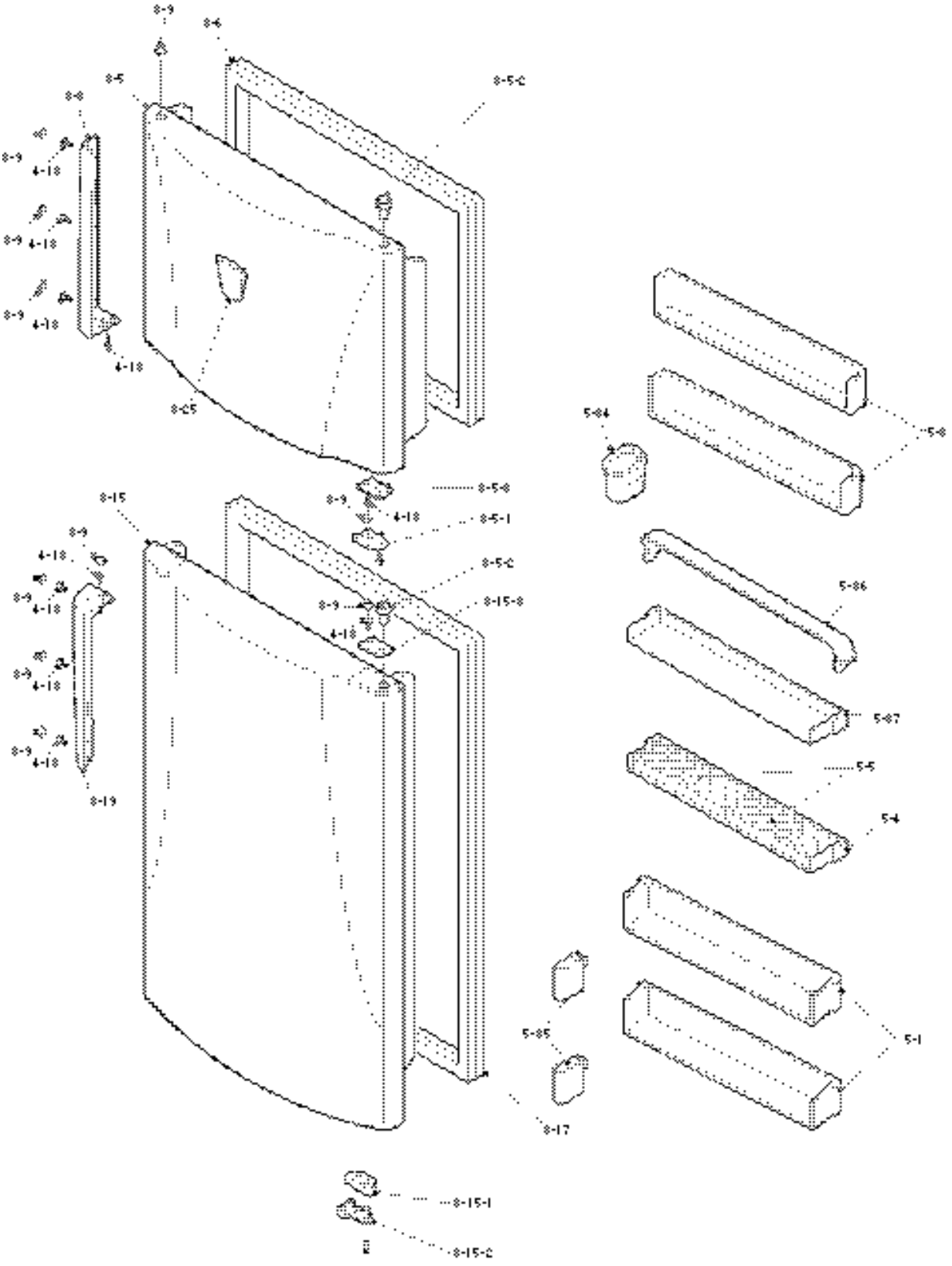
REF. NO.	PART NO.	DESCRIPTION	Q'TY					CODE
			SJ-2054-GY	SJ-2054-BL	SJ-2054-WH	SJ-2054-GR	SJ-2054-BE	
MISCELLANEOUS								
90-2	TLAB-A092CBR0	Lamp label	1	1	1	1	1	AD
90-3	SPAKCI939YDEZ	Packing case	1	1	1	1	1	BE
90-5	TLAB-A614CBE0	Case label gy	4	-	-	-	-	AD
90-5	TLAB-A615CBE0	Case label be	-	-	-	-	4	AD
90-5	TLAB-A616CBE0	Case label bl	-	4	-	-	-	AD
90-5	TLAB-A617CBE0	Case label wh	-	-	4	-	-	AD
90-5	TLAB-A854CBE0	Case label gr	-	-	-	4	-	AG
90-6	CPADBA765YDKZ	Bottom pad ass'y	1	1	1	1	1	AY
90-7	CPADBA764YDKZ	Top pad ass'y	1	1	1	1	1	AR
90-8	TLAB-A876CBRZ	Warning label	1	1	1	1	1	AC
90-21	TLAB-A939CBRZ	Caution label rof	1	1	1	1	1	AD

HOW TO ORDER REPLACEMENT PARTS

To have your order filled promptly and correctly, please furnish the following information.

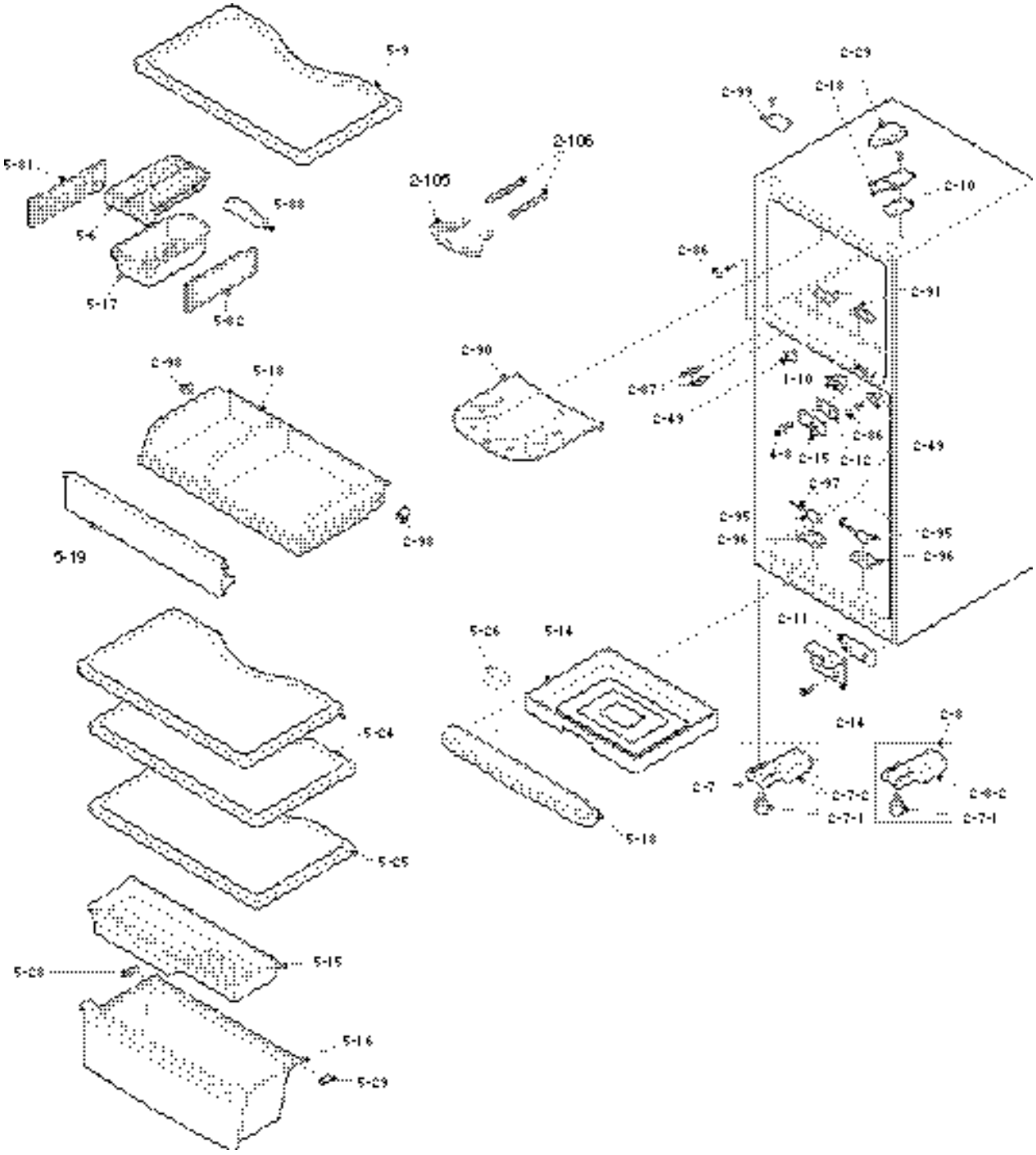
1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION

DOOR PARTS



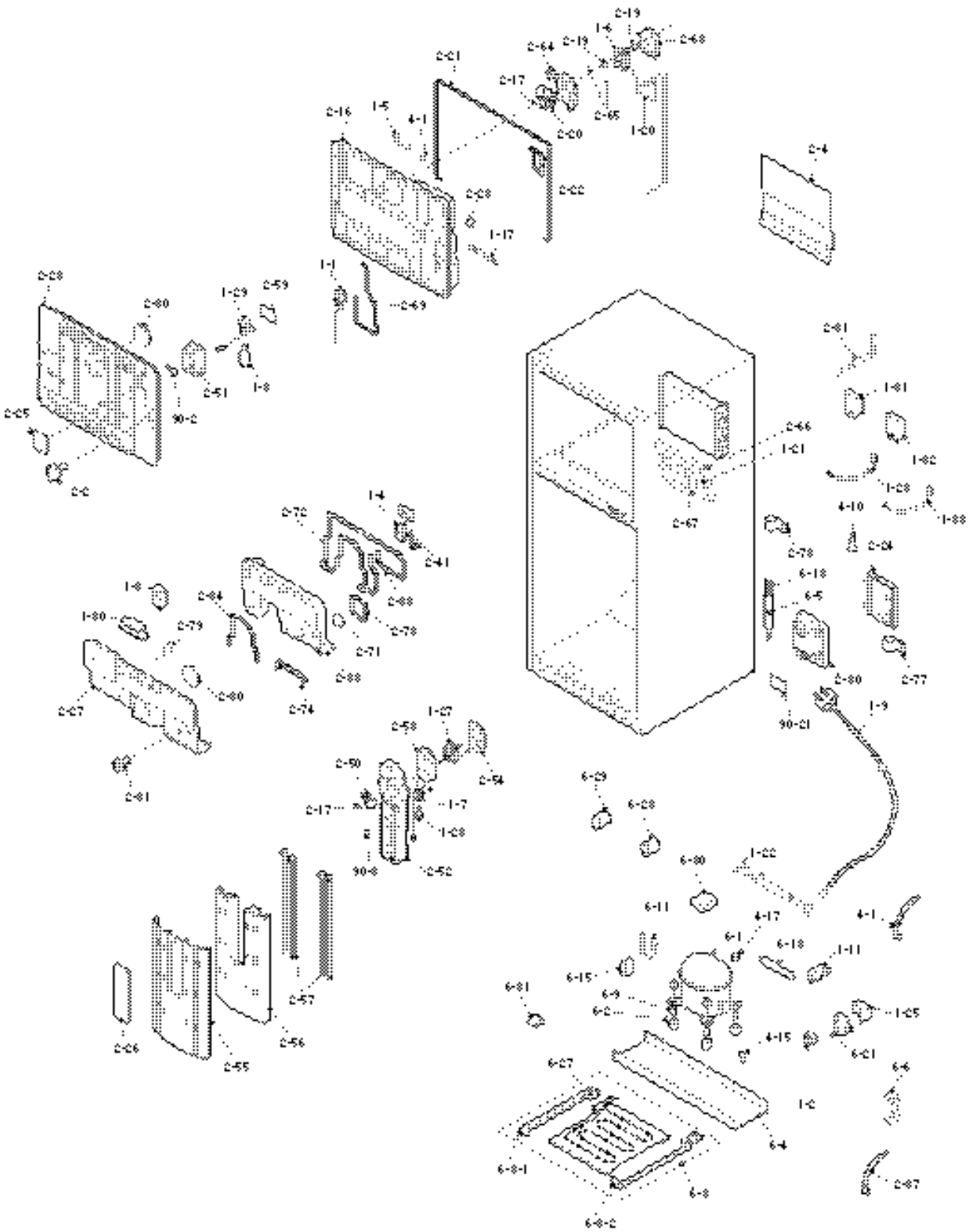
SJ-2049
SJ-2054
SJ-2060

CABINET PARTS



SJ-2049
SJ-2054
SJ-2060

CABINET PARTS



SJ-2049
SJ-2054
SJ-2060

2000 SHARP CORP. (12K0.06E) Printed in Japan